

## ABSTRACT

Improved fire retardants that include guanylurea phosphate  $[(\text{H}_2\text{N}-\text{C}(\text{NH})-\text{NH}-\text{C}(\text{O})-\text{NH}_2) \cdot \text{H}_3\text{PO}_4]$  (GUP) and boric acid, materials such as wood and composite wood products that include these fire retardants, and methods of making and using same.